

What is claimed is:

1. A system for performing a mileage service depending on the distance traveled by a vehicle, comprising:

a boarding reservation terminal, a boarding acceptance terminal, a boarder information database device, a mileage information database device, and a corporation vs. individual relationship information database device which are connected to each other by a communication link;

said boarding reservation terminal having means for accepting a boarding reservation and means for transmitting boarding reservation information;

said boarding acceptance terminal having means for accepting a boarding session and means for transmitting boarding acceptance information to said boarder information database device;

said boarder information database device comprising a boarder information database, means for receiving said boarding reservation information transmitted from said boarding reservation terminal, means for asking said mileage information database device for customer attributes with respect to at least the mileage service of a boarding reservoir based on said boarding reservation information, means for recording said boarding reservation information and said customer attributes in combination, means for returning said boarding reservation information and said customer attributes in combination to said boarding reservation terminal, means for receiving said boarding acceptance information transmitted from said boarding acceptance terminal, means for storing said boarding acceptance information in said boarder information database, and means for transmitting said boarding acceptance information to said mileage information database device;

said mileage information database device comprising a mileage

information database storing accumulated miles information and said customer attributes, means for retrieving customer attributes from said mileage information database in response to an inquiry about customer attributes from said boarder information database device, and transmitting the retrieved customer attributes to  
5 said boarder information database, means for receiving said boarding acceptance information transmitted from said boarder information database device, means for asking said corporation vs. individual relationship information database device for corporation vs. individual relationship information indicative of whether a boarder belongs to a corporation registered for a corporate mileage service, and mileage  
10 information storing means for subtracting miles of the boarding session from accumulated miles of the boarder if the boarder belongs to the corporation registered for the corporate mileage service based on said corporation vs. individual relationship information transmitted from said corporation vs. individual relationship information database device. adding the subtracted miles to miles of the  
15 corporation, and reflecting the result in said mileage information database;  
said corporation vs. individual relationship information database device comprising a corporation vs. individual relationship information database storing in combination corporate mileage identification numbers of corporations registered for the corporate mileage service and personal mileage identification  
20 numbers of individuals belonging to the corporations, and means for retrieving corporation vs. individual relationship information from said corporation vs. individual relationship information database in response to an inquiry from said mileage information database, and transmitting the retrieved corporation vs. individual relationship information to said mileage information database device.

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2. A system for performing a mileage service depending on the distance

traveled by a vehicle, comprising:

a reservation terminal for using the vehicle covered by the mileage service, an acceptance terminal for using the vehicle covered by the mileage service, a usage information database device, and a mileage information database device  
5 storing accumulated miles information, which are connected to each other by a communication link;

said reservation terminal comprising means for accepting a reservation for using the vehicle covered by the mileage service, means for selecting whether an entity making the reservation is a corporation registered for a corporate  
10 mileage service or an individual, and means for transmitting reservation details and the selection to said usage information database device;

said acceptance terminal comprising means for accepting usage of a mileage-related service or payment of a consideration, and means for transmitting usage details to said usage information database device;

15 said usage information database device comprising a usage information database storing information of the usage details of the mileage service or the payment of the consideration, means for receiving said reservation details and said selection, means for recording said reservation details and said selection, and means for transmitting said selection and said usage details in combination to said  
20 mileage information database device;

said mileage information database device comprising a mileage information database storing accumulated miles information, means for receiving said usage details and said selection transmitted from said usage information database, means for determining whether miles earned by the usage of the mileage  
25 service or the payment of the consideration belong to the corporation or the individual, based on said selection, and means for storing the earned miles

selectively as accumulated miles of the corporation or accumulated miles of the individual in said mileage information database.

3. A system according to claim 2, wherein a corporate mileage  
5 identification number is assigned to a corporation which is desirous of being registered for the corporate mileage service, and said corporate mileage identification number and an personal mileage identification number are assigned to each of constituent members of said corporation, said reservation terminal having means for transmitting either one of said corporate mileage identification number  
10 and said personal mileage identification number depending on whether said reservation is made for the business of said corporation or not.

4. A system according to claim 2, wherein said acceptance terminal further comprises:  
15 means for selecting whether the usage of the mileage-related service or payment of the consideration is made for the corporation; and  
means for transmitting the selection to said usage information database device.

20 5. A system for performing a mileage service depending on the distance traveled by a vehicle, comprising:  
a reservation terminal for using the vehicle covered by the mileage service, an acceptance terminal for using the vehicle covered by the mileage service, a usage information database device, a mileage information database device storing  
25 accumulated miles information, and a corporation vs. individual relationship information database device which are connected to each other by a communication

link;

said reservation terminal comprising means for accepting a reservation for using the mileage service, and means for transmitting reservation details to said usage information database device;

5           said acceptance terminal comprising means for accepting usage of a mileage-related service or payment of a consideration, and means for transmitting usage details to said usage information database device;

          said usage information database device comprising a usage information database storing information of the usage details of the mileage service  
10 or the payment of the consideration, means for receiving said usage details, means for storing the received usage details in said usage information database, and means for transmitting said usage details to said mileage information database device;

          said corporation vs. individual relationship information database device comprising a corporation vs. individual relationship information database  
15 storing in combination corporate mileage identification numbers of corporations registered for a corporate mileage service and personal mileage identification numbers of individuals belonging to the corporations, and means for retrieving corporation vs. individual relationship information from said corporation vs. individual relationship information database in response to an inquiry from said  
20 mileage information database, and transmitting the retrieved corporation vs. individual relationship information to said mileage information database device;

          said mileage information database device comprising a mileage information database storing accumulated miles information, means for receiving said usage details transmitted from said usage information database, means for  
25 asking said corporation vs. individual relationship information database for corporation vs. individual relationship information indicative of whether a mileage

service recipient belongs to one of the corporations or not based on said usage details, means for determining whether miles earned by a constituent member of the corporation for the usage of the vehicle covered by the mileage service or the payment of the consideration by the constituent member belong to the corporation or the constituent member, based on said corporation vs. individual relationship information, and means for storing the earned miles selectively as accumulated miles of the corporation or accumulated miles of the constituent member in said mileage information database, based on the determined result and said usage details.

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6. A system for performing a mileage service depending on the distance traveled by a vehicle, comprising:

a reservation terminal for using the vehicle covered by the mileage service, an acceptance terminal for accepting an application for using the vehicle covered by the mileage service, a usage information database device, a mileage information database device storing accumulated miles information, a corporation vs. individual relationship information database device, and a working information database device which are connected to each other by a communication link;

said reservation terminal comprising means for accepting a reservation for a boarding session covered by the mileage service, and means for transmitting reservation details to said usage information database device;

said acceptance terminal comprising means for accepting usage of the vehicle covered by the mileage service or payment of a consideration, and means for transmitting usage details to said usage information database device;

said usage information database device comprising a usage information database storing information of the usage of the vehicle covered by

mileage service or the payment of the consideration, means for receiving said usage details, means for storing the received usage details in said usage information database, and means for transmitting said usage details to said mileage information database device;

5               said corporation vs. individual relationship information database device comprising a corporation vs. individual relationship information database storing in combination corporations registered for a corporate mileage service and personal mileage identification numbers of constituent members belonging to the corporations, and means for retrieving an added miles recipient from said  
10               corporation vs. individual relationship information database in response to an inquiry from said mileage information database for information as to whether an individual as the added miles recipient belongs to one of the corporations registered for the corporate mileage service, and transmitting corporation vs. individual relationship information indicative of whether the retrieved added miles recipient  
15               belongs to the corporation registered for the corporate mileage service or not to said mileage information database device;

              said working information database device comprising a working information database storing working information of the constituent member and means for transmitting the working information in response to an inquiry;

20               said mileage information database device comprising a mileage information database storing accumulated miles information, means for asking said corporation vs. individual relationship information database for corporation vs. individual relationship information based on said usage details transmitted from said usage information database, means for asking said working information  
25               database for working information of the constituent member as the mileage service recipient, means for determining whether miles earned by the usage of the mileage

service or the payment of the consideration belong to the corporation or the constituent member as the mileage service recipient, based on said working information and said corporation vs. individual relationship information, and means for storing the earned miles selectively as accumulated miles of the corporation or as accumulated miles of the mileage individual person in said mileage information database, based on the determined result.

7. A method of performing a mileage service depending on the distance traveled by a vehicle, comprising the steps of:

10 registering in combination corporations registered for a corporate mileage service and personal mileage identification numbers assigned to constituent members of the corporations in a corporation vs. individual relationship information database;

15 transmitting the personal mileage identification number assigned to constituent members of the corporation when a boarding reservation is made using a boarding reservation terminal;

transmitting boarding acceptance information including boarding details when a boarding process is carried out for a boarder using a boarding acceptance terminal;

20 receiving said boarding acceptance information and said personal mileage identification number, adding said boarding details to accumulated miles of said boarder, and asking said corporation vs. individual relationship information database for information as to whether said boarder is a constituent member of the corporations registered for the corporate mileage service, using said personal mileage identification number as a retrieval key; and

if said boarder is constituent member of the corporation registered

for the corporate mileage service, subtracting miles from accumulated miles of said boarder, adding the subtracted miles to accumulated miles of the corporation, and reflecting the subtraction and addition of miles in a mileage information database.

5           8.       A method of performing a mileage service depending on the distance traveled by a vehicle, comprising the steps of:

                  when a constituent member of a corporation makes a reservation for  
usage of the vehicle covered by the mileage service and/or a reservation for using the  
vehicle covered by the mileage service is accepted, determining whether the usage of  
10   the vehicle covered by the mileage service is reserved or the vehicle covered by the  
mileage service is used for the business of the corporation, based on whether the  
constituent member has made the reservation or used the vehicle using either a  
mileage identification number of the corporation or a mileage identification number  
of the constituent member, or based on comparison between the working date and  
15   location of the constituent member and the date of reserving or using the vehicle  
covered by the mileage service; and

                  if the usage of the vehicle covered by the mileage service is reserved  
or the vehicle covered by the mileage service is used for the business of the  
corporation, giving earned miles to the corporation, and if the usage of the vehicle  
20   covered by the mileage service is reserved or the vehicle covered by the mileage  
service is used not for the business of the corporation, giving earned miles to the  
constituent member.